**Supplemental Algebra** Name:

**Mrs. Britton/Miss Sciandra**

**Compound Inequalities**  Date:

***Solve and graph the inequality***

|  |  |
| --- | --- |
| 1.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 2.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |
| 3.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 4.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |
| 5.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 6.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |
| 7.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 8.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |
| 9.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 10.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |
| 11.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png | 12.  http://exchangedownloads.smarttech.com/public/content/f4/f457365f-d6c4-43e5-b05f-fb08feea60d9/previews/medium/0001.png |

**Spiral Review:**

1) Evaluate: *h* +*j*(*j* -*h*); 2) Simplify: 3*b* - (4*b* - 6*b* + 2) + *b 3)Solve:* 4(2*a* + 3) =  −3(*a* − 1) + 31

use *h* = 2, and *j* = 6